CONFIRMATION SAMPLING RESULTS
HUMBOLDT ROAD PRIVATE PROPERTIES
OPERATIONAL UNIT

APN 011-030-016
APN 011-030-136
APN 011-030-138
APN 002-180-084
APN 002-180-086

Prepared for

Private Properties
Humboldt Road Burn Dump

Prepared by

VESTRA
962 Maraglia Street
Redding, California 96002

September 2005

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September 19, 2005

704006

Ms. Karen Clementsen
California Regional Water Quality Control Board
Central Valley Region
415 Knollcrest Drive
Redding, Ca 96002

Re: Confirmation Sampling Results
Humboldt Road Private Properties Operational Unit
APN 011-030-016, APN 011-030-136, APN 011-030-138,
APN 002-180-084 and APN 002-180-086

Dear Ms. Clementsen:

Remediation of burn ash and waste debris on six assessor's parcels at the Humboldt Road Burn Dump was completed in accordance with the Final Remedial Action Plan, Humboldt Road Private Properties Operational Unit. The remedial activities were completed during summer 2004 and summer 2005. The assessor's parcels include APN 011-030-016, APN 011-030-136, APN 011-030-138, APN 011-030-139, APN 002-180-084, and APN 002-180-086. Assessor's parcels APN 011-030-016, APN 011-030-136, APN 011-030-138, and APN 011-030-139 are controlled by Fogarty Investments, Inc. Assessor's parcels APN 002-180-084 and APN 002-180-086 are controlled by Borge Development, Inc.

Burn ash and waste debris on APN 011-030-139 and a portion of APN 011-030-138 were excavated and placed into a consolidation cell located on APN 011-030-138 during summer 2004. Following the removal of the burn ash and waste debris, confirmation samples were collected to document residual levels of contamination. Confirmation sample results for APN 011-030-139 were submitted to the Regional Water Quality Control Board (RWQCB) in September 2004. The RWQCB issued a Certificate of Completion for APN 011-030-139 in March 2005.

Additional burn ash and waste debris from APN 011-030-016, APN 011-030-136, APN 011-030-138, APN 002-180-084, and APN 002-180-086 were excavated and placed into the consolidation cell located on APN 011-030-138 during summer 2005. Following the removal of the burn ash and waste debris, confirmation samples were collected to document residual levels of contamination. Confirmation sample results for APN 011-030-016, APN 011-030-136, APN 011-030-138, APN 002-180-084, and APN 002-180-086 are summarized in the attached report.

If you have any questions, please call me or John Andrews at (530) 223-2585.

Sincerely,

VESTRA Resources, Inc.
Environmental Services Division

Wendy Johnston
Project Manager

John Andrews
Professional Geologist No. 4269

cc: Mr. Tom Fogarty
Mr. Tim Patenaude/DTSC
Mr. Doug Aiken

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APN 011-030-016
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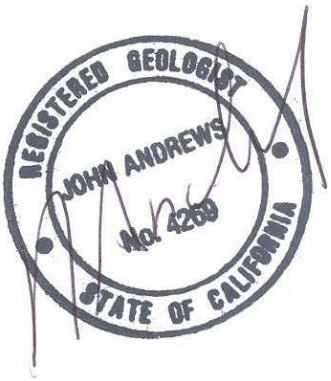

Prepared by

VESTRA
962 Maraglia St.
Redding, California 96002

September 2005

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Section 1
INTRODUCTION

Remediation of burn ash and waste debris on six assessor's parcels at the Humboldt Road Burn Dump (HRBD) was completed in accordance with the Final Remedial Action Plan, Humboldt Road Private Properties Operational Unit (VESTRA, 2004a). The remedial activities were completed during summer 2004 and summer 2005. The assessor's parcels include APN 011-030-016, APN 011-030-136, APN 011-030-138, APN 011-030-139, APN 002-180-084, and APN 002-180-086. Assessor's parcels APN 011-030-016, APN 011-030-136, APN 011-030-138, and APN 011-030-139 are controlled by Fogarty Investments, Inc. Assessor's parcels APN 002-180-084 and APN 002-180-086 are controlled by Borge Development, Inc.

Burn ash and waste debris on APN 011-030-139 and a portion of APN 011-030-138 were excavated and placed into a consolidation cell located on APN 011-030-138 during summer 2004. Following the removal of the burn ash and waste debris, confirmation samples were collected in accordance with the Remedial Design and Implementation Plan (VESTRA, 2004b) to document residual levels of contamination. Confirmation sample results for APN 011-030-139 were submitted to the Regional Water Quality Control Board (RWQCB) in September 2004 (VESTRA, 2004c). The RWQCB issued a Certificate of Completion for APN 011-030-139 in March 2005. Because a Certificate of Completion was issued for APN 011-030-139, this parcel is not addressed in this report.

Additional burn ash and waste debris from APN 011-030-016, APN 011-030-136, APN 011-030-138, APN 002-180-084, and APN 002-180-086 were excavated and placed into the consolidation cell located on APN 011-030-138 during summer 2005. Following the removal of the burn ash and waste debris, confirmation samples were collected in accordance with the Remedial Design and Implementation Plan (VESTRA, 2004b) to document residual levels of contamination. Confirmation sample results for APN 011-030-016, APN 011-030-136, APN 011-030-138, APN 002-180-084, and APN 002-180-086 are summarized in this report.

OBJECTIVE

This confirmation sampling report was prepared and is being submitted to the RWQCB to support a Certificate of Completion for APN 011-030-016, APN 011-030-136, APN 011-030-138, APN 002-180-084, and APN 002-180-086. This request is based on:

- Approximately 37,000 loose cubic yards of burn ash and waste debris were removed from a portion of APN 011-030-138 and placed into a consolidation cell during summer 2004. Approximately 139,000 additional loose cubic yards of burn ash and waste debris on APN 011-030-016, APN 011-030-136, APN 011-030-138, APN 002-180-084, and APN 002-180-086 were removed and placed into a consolidation cell during summer 2005.

- Confirmation soil samples were collected from approximately 270 locations and submitted for lead analyses. The average residual lead concentration is 39.5 mg/kg. Bedrock was exposed and soil samples were not collected from an additional 228 locations.

- The remedial action goal for lead at the HRBD is 224 mg/kg (EMKO, 2001b).

- The background soil lead concentration reported in the Remedial Investigation Report is 19 mg/kg (EMKO, 2001a).

- Remedial action goals identified for arsenic and dioxin are 6.12 mg/kg and 5.0E-04 mg/kg, respectively. The residual arsenic and dioxin concentrations are less than these remedial action goals.

SITE LOCATION

The HRBD is a collection of adjacent properties totaling approximately 157 acres located near the intersections of Bruce Road, Humboldt Road, and Highway 32 in Chico, California. Burn ash and waste debris have been identified on approximately 70 acres. The General Site Location of the HRBD is shown on Figure 1. The five parcels addressed in this confirmation sampling report are identified on Figure 2.

PREVIOUS CHARACTERIZATION ACTIVITIES

Background information on the HRBD is summarized in the Final Remedial Action Plan (VESTRA, 2004a) prepared for the Humboldt Road Private Properties Operational Unit. Additional information for the site is presented in the Remedial Investigation Report (EMKO, 2001a), Baseline Risk Assessment (EMKO, 2001b), and Feasibility Study (EMKO, 2002).

For characterization purposes, the HRBD was originally divided into characterization areas, not parcels. These characterization areas are shown on Figure 3. Contaminated portions of APN 011-030-016, APN 011-030-136, APN 011-030-138, APN 002-180-084, and APN 002-180-086 include a small portion of Area 2, most of Area 3, Area 4, and Area 6. Area 1 and the remaining portions of Areas 2 and 3 are controlled by the City of Chico and are not included in the private properties operational unit. Area 5 was addressed by the private properties during summer 2004.

For confirmation sampling purposes, Area 3 was divided into Area 3W and Area 3E. The small portion of Area 2 east of Bruce Road is included in Area 3W. The consolidation cell is located in Area 3E. Areas 4 and 6 were not redefined. The redefined confirmation sampling areas are shown on Figure 4.

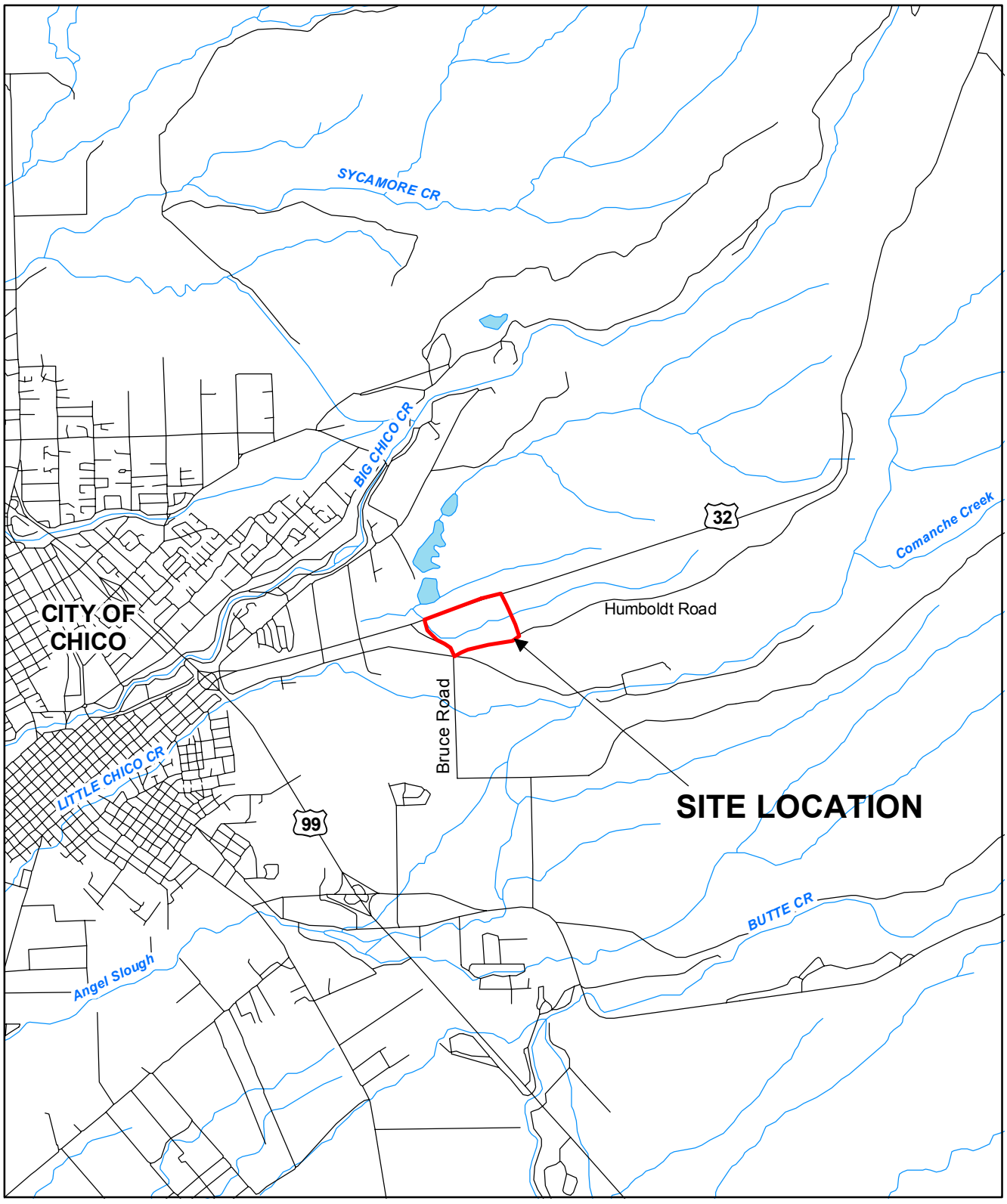
REMEDIAL ACTION GOALS

Based on the soil analytical results and risk evaluation presented in the Baseline Risk Assessment (EMKO, 2001b), the primary compounds contributing to increased health risks include lead in Areas 3, 4, and 6; arsenic in Areas 3 and 4; and polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans (dioxin) in Areas 3, 4, and 6. Remedial action goals for these compounds are summarized in Table 1.

The remedial action goal for lead is based on the results of the Department of Toxic Substances Control (DTSC) LeadSpread 7.0 computer model; the arsenic goal is set at the 95 percent upper confidence limit for the mean background concentration; and the dioxin toxic equivalence quotient (TEQ) is set at ½ the level defined in Office of Solid Waste and Emergency Response (OSWER) Directive 9200.4-26. This directive recommends a dioxin TEQ cleanup level of 0.001 mg/kg, equivalent to one part per billion, in residential soils and 0.005 to 0.020 mg/kg in commercial and industrial soils.

Table 1
REMEDIAL ACTION GOALS

Constituent of Concern	Remedial Action Goal (mg/kg)	Source
Lead	224	DTSC LeadSpread Model 7.0
Arsenic	6.12	95 % UCL mean background
Dioxin (TEQ)	0.0005	½ current USEPA Directive

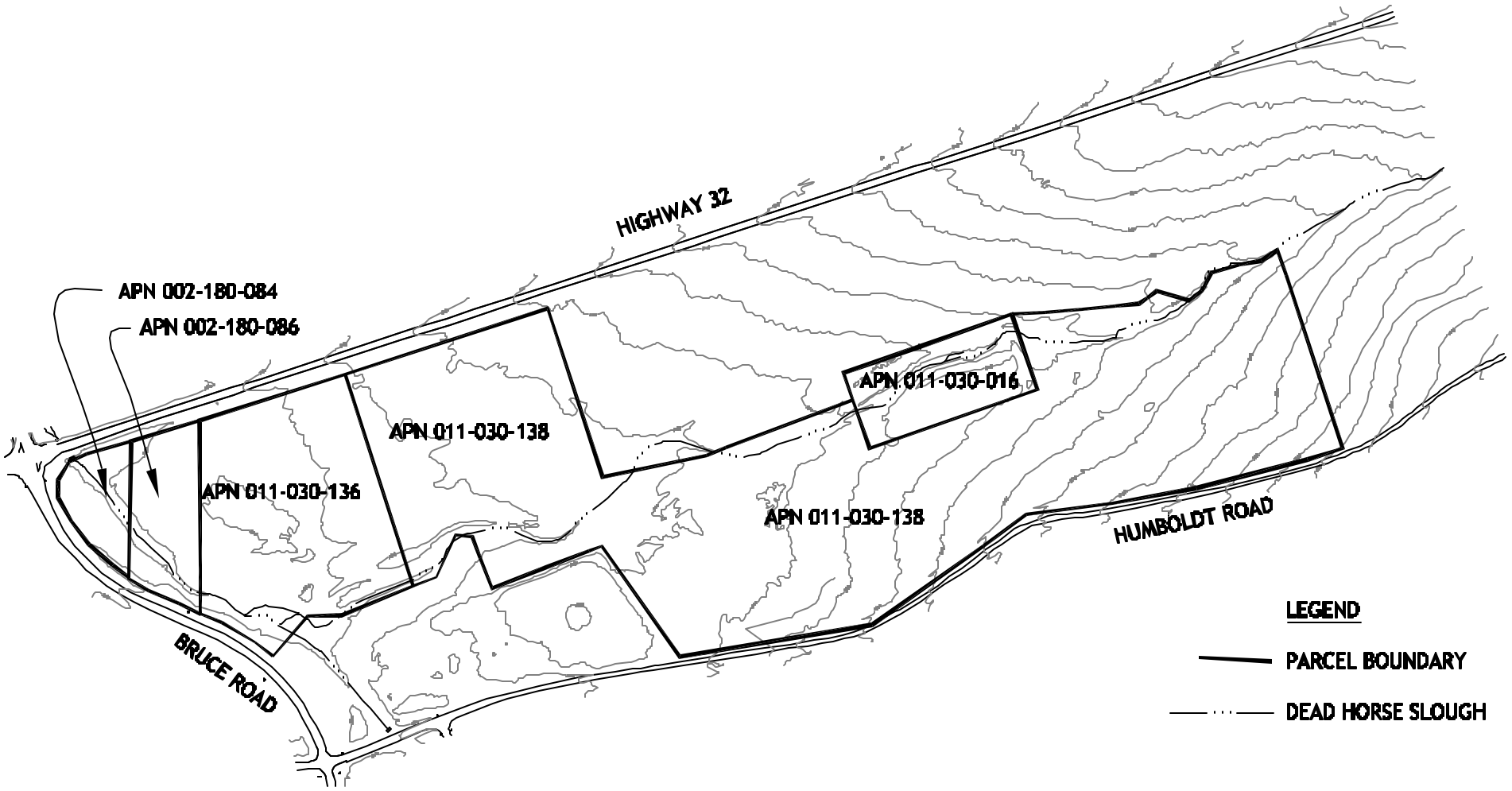


VESTRA

JOB NO. 704006

FIGURE 1
GENERAL SITE LOCATION
HUMBOLDT ROAD PRIVATE PROPERTIES
CHICO, CALIFORNIA

SEPTEMBER 2005



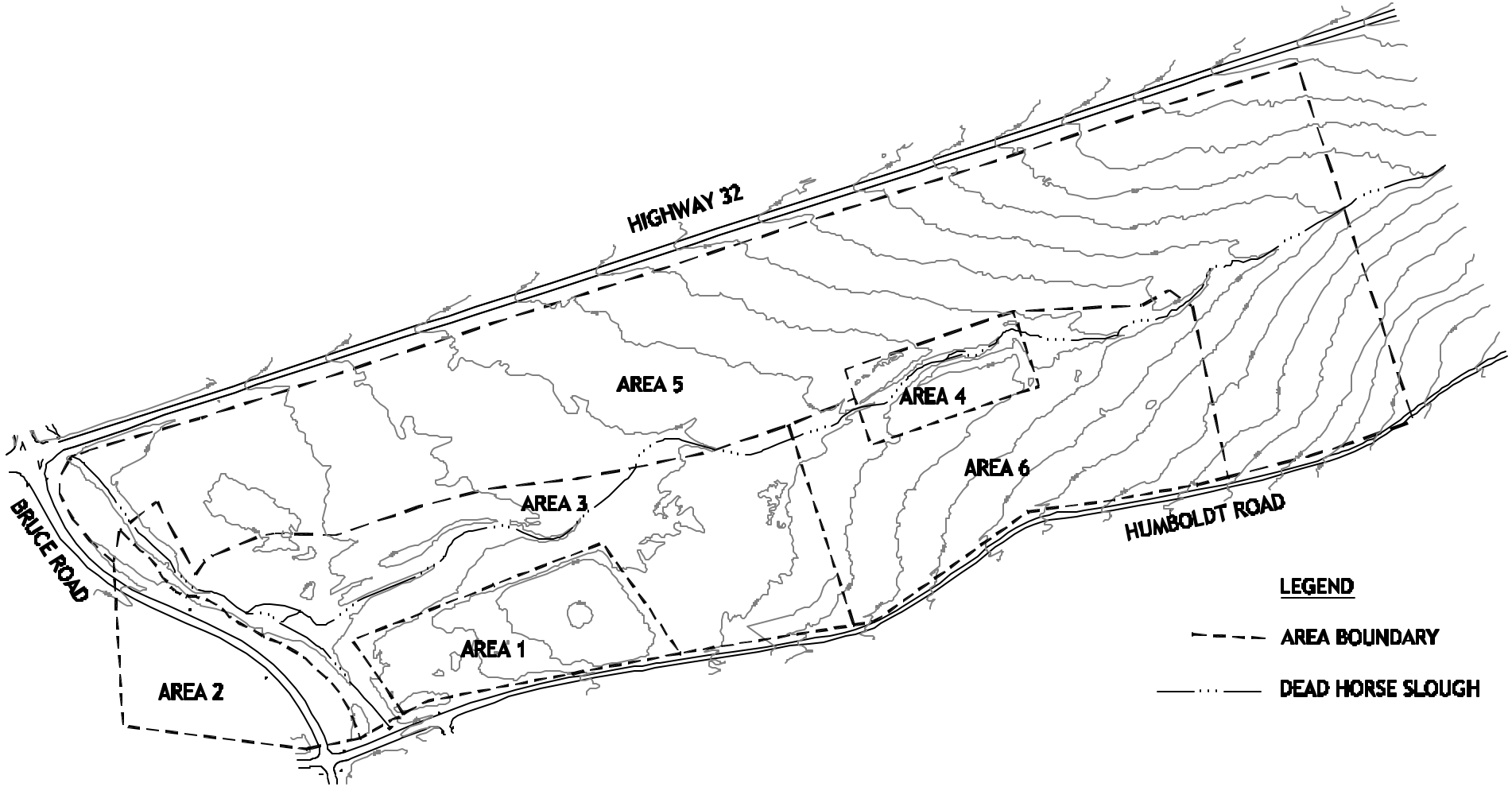
VESTRA

JOB NO. 704006

SCALE: 1" = 600'

FIGURE 2
ASSESSOR'S PARCELS
HUMBOLDT ROAD PRIVATE PROPERTIES
CHICO, CALIFORNIA

SEPTEMBER 2005



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JOB NO. 704006

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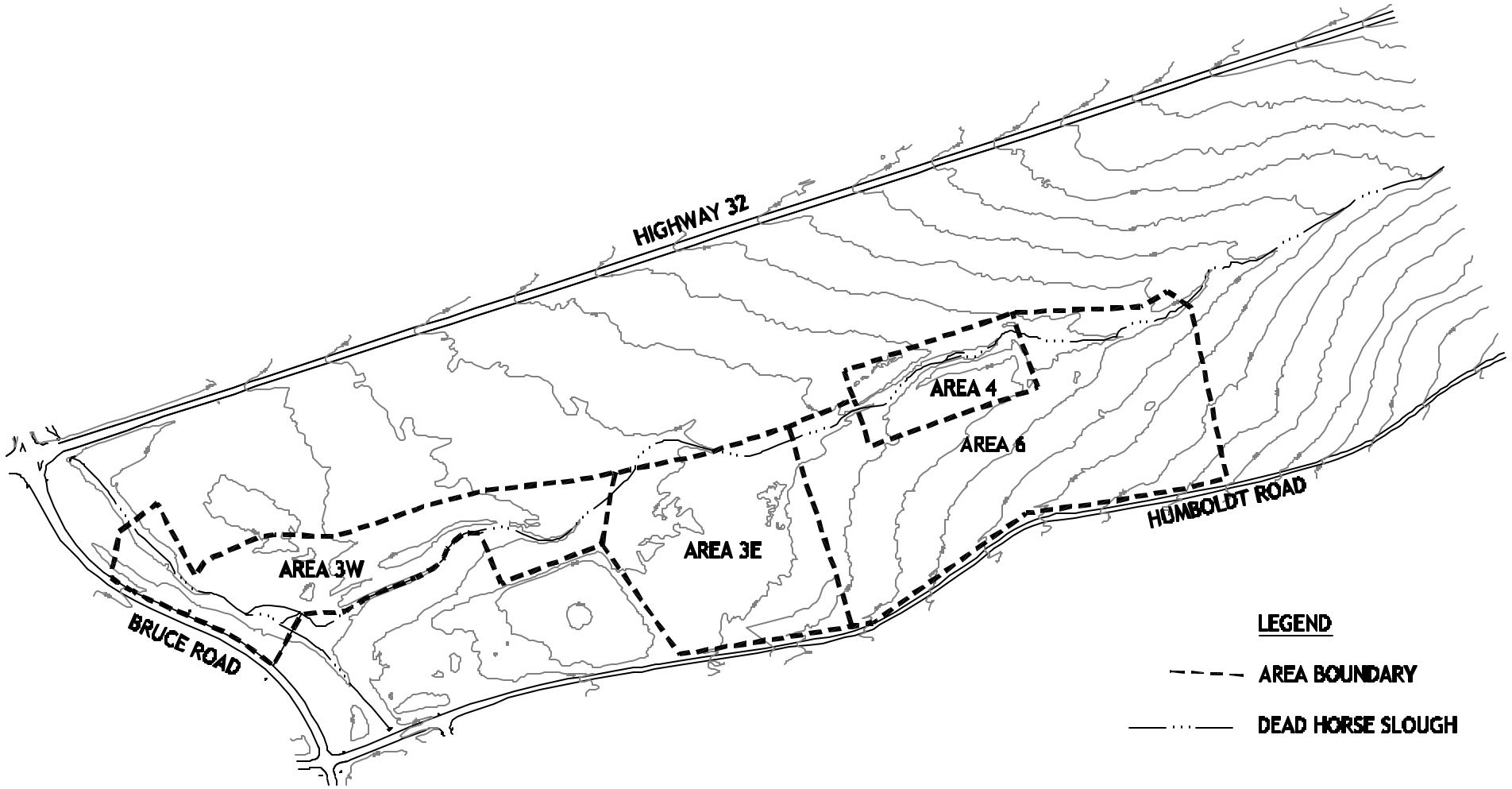
FIGURE 3
ORIGINAL SITE CHARACTERIZATION AREAS
HUMBOLDT ROAD PRIVATE PROPERTIES
CHICO, CALIFORNIA

SEPTEMBER 2005



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SCALE: 1" = 600'

FIGURE 4
CONFIRMATION SAMPLING AREAS
HUMBOLDT ROAD PRIVATE PROPERTIES
CHICO, CALIFORNIA

SEPTEMBER 2005

Section 2
CONFIRMATION SAMPLING PROGRAM

Confirmation soil samples were collected to document residual concentrations following the completion of the excavation activities in Area 3W, Area 3E, Area 4, and Area 6. In general, the sampling program was conducted in two phases. Phase 1 included collecting confirmation samples for lead analyses to direct and document the effectiveness of the excavation activities. Phase 2 included collecting additional confirmation samples for lead, arsenic, and dioxin analyses to verify compliance with the remedial action goals. The confirmation sample locations are shown on Plate 1.

DAILY WORK SUMMARY

Approximately 37,000 loose cubic yards of burn ash and waste debris were excavated and consolidated during summer 2004, and approximately 139,000 loose cubic yards of burn ash and waste debris were excavated and consolidated during summer 2005. A daily work summary including primary and secondary work areas, volume of waste handled, sampling activities, and regulatory inspections is presented in Table 2. Air quality samples were collected during all construction activities. Soil samples were collected as necessary to implement the provisions of the Sampling and Analysis Plan included in the Remedial Design and Implementation Plan (VESTRA, 2004b). Formal site inspections were conducted by the Butte County Air Quality Management District (AQMD), RWQCB, DTSC, and California Department of Fish and Game (DFG).

Representative photographs of the 2004 and 2005 remedial activities are included in Appendix A.

CONFIRMATION SAMPLING PROCEDURES

As shown on Plate 1, the confirmation samples were collected on a regular grid. The following information was collected at each grid location:

- GPS Coordinates
- Identification of exposed material
  - Bedrock
  - Soil with no visible waste
  - Soil with surficial waste only
  - Soil with waste in soil matrix
- Photograph of grid point
- Soil sample if soil was present

In general, soil samples for metal analyses were collected by: 1) scraping away vegetation, 2) loosening the soil to bedrock or a depth of approximately 6-inches, 3) placing the disturbed soil in a new gallon zip lock bag using a decontaminated stainless steel trowel, 4) mixing the soil in the zip lock bag and transferring a portion of the sample into a laboratory-supplied container, and 5) placing the container in an iced cooler. Samples for dioxin analyses were collected directly into the laboratory-supplied containers.

Phase 1 soil samples were analyzed for lead by a California-certified analytical laboratory using EPA Method 8010A. The results were used to direct and document the effectiveness of the excavation activities. Following the completion of the excavation activities, 10 percent of the Phase 1 grid locations were re-sampled. The re-sampled or Phase 2 locations were selected randomly from the Phase 1 locations. Soil from each randomly selected location was collected and submitted to a California-certified analytical laboratory. The Phase 2 samples from Area 3W, Area 3E, Area 4, and Area 6 were analyzed for lead and arsenic by EPA Method 8010A. Soil from each Phase 2 location was also composited by the

analytical laboratory into a single sample representing each area. Composite samples from Area 3W, Area 3E, Area 4 and Area 6 were analyzed for dioxin using EPA Method 8290.

CONFIRMATION SAMPLING RESULTS

The Phase 1 lead concentrations are summarized in Tables 4 (Area 3W), 5 (Area 3E), 6 (Area 4), and 7 (Area 6). A brief description of the columns in each table is included in Table 3. The final lead concentrations are shown in the last column. The majority of the Phase 1 confirmation samples for Area 6 were collected during summer 2004. The remaining samples were collected during summer 2005. The confirmation sample locations are shown on Plate 1. For reference, the GPS coordinates are included in Appendix B.

Average residual lead concentrations are 55.0 mg/kg in Area 3W, 27.4 mg/kg in Area 3E, 33.9 mg/kg in Area 4, and 32.4 mg/kg in Area 6. The remedial action goal for lead is 224 mg/kg. Lead concentrations in soil samples collected outside the northern boundary of Area 3E and Area 4 are included on Table 8. These samples were collected during 2004 and the results are included in this report because they show that the average lead concentration along this buffer area is 31.7 mg/kg.

The final lead concentration in soil from one out of approximately 270 sample locations exceeded the remedial action goal of 224 mg/kg. A lead concentration of 242 mg/kg was detected in a sediment sample collected near Dead Horse Slough, approximately 200 feet south of the Highway 32 box culvert (Sample BRCS-3 in Area 3W). This portion of the stream channel was left undisturbed to serve as a buffer between the last sediment control check dam and the box culvert. A photograph of this area is included in Appendix C.

The Phase 2 lead, arsenic, and dioxin concentrations are summarized in Tables 9 (Area 3W), 10 (Area 3E), 11 (Area 4), and 12 (Area 6). Remedial action goals identified for arsenic and dioxin are 6.12 mg/kg and 5.0E-04 mg/kg, respectively. The Phase 2 lead, arsenic, and dioxin concentrations are less than the remedial action goals.

The Phase 1 and Phase 2 analytical reports are included as Appendix B.

RESIDUAL WASTE AREAS

Residual burn ash and waste debris remain at several onsite locations. The locations are shown on Plate 2 and representative photographs are included in Appendix C. The locations include:

- **Eastside of Bruce Road.** Burn ash and waste debris were removed from Area 3W adjacent to Bruce Road. This burn ash and waste debris continued beneath the fence line and onto the Bruce Road right-of-way. Geotextile fabric was used to separate the burn ash and waste debris encountered along the fence line from the clean material used to backfill the excavation. GPS coordinates for the waste are included in Appendix C.

- **Several Oak and Cottonwood Trees along Dead Horse Slough.** In conjunction with the Stream Alteration Agreement issued by DFG, the property owners were requested to leave several of the larger Oak and Cottonwood trees growing in waste debris along Dead Horse Slough. As a result, residual waste remains within the root zone of three Oak trees located on the west side of Area 4, and within the root zone of several cottonwood trees located along Dead Horse Slough. Following the removal activities, clean backfill material was placed beneath these trees to cover and protect exposed roots.

- **Stream Channel South of Highway 32 Box Culvert.** A small portion of Dead Horse Slough located immediately upstream from the Highway 32 box culvert was left undisturbed to serve as a buffer between the last sediment control check dam and the box culvert. The lead concentration in a soil sample collected from this area was 242 mg/kg (Sample BRCS-3 in Area 3W).

- **Former Berm on North Side of Dead Horse Slough.** A large berm containing approximately 20,000 cubic yards of clean material was located along the north side of Dead Horse Slough in Area 3W. It appears that this material was originally placed on a thin veneer of burn ash and waste debris approximately one to two inches thick. The location of this veneer of burn ash and waste debris was documented before the berm was reshaped for planting. Analytical results for the berm are included in Table 4 (TP-1 through TP-15). GPS coordinates for the outline of the berm are included in Appendix C.

Appendix C also includes representative photographs of the haul roads used during the construction activities. Following the completion of the construction activities, the haul roads were scraped to remove waste debris. If bedrock was exposed following the removal of this debris, soil samples were not collected. However, if soil was exposed, soil samples were collected and submitted for analyses. The results are included on Tables 4 through 7. After the main haul road along Humboldt Road was scraped to bedrock, the roadway was re-rocked to minimize dust generation when the clean cover soil was delivered to the site. This rock remains in-place. Haul road locations are shown on Plate 2.

Table 2 DAILY WORK SUMMARY							
Date	**Daily Waste Volume (loose cyds)**	**Cumulative Waste Volume (loose cyds)**	**Primary Work Area**	**Secondary Work Area**	**Air Sampling**	**Soil Sampling**	**Regulatory Inspections**
Summer 2004							
7/14/2004	150	150	Excavate Area 6	---	x	---	AQMD/DFG
7/15/2004	2600	2,750	Excavate Area 6	---	x	---	AQMD/RWQCB
7/16/2004	2400	5,150	Excavate Area 6	---	x	---	AQMD/DFG
7/17/2004	0	5,150	---	---	x	---	---
7/18/2004	0	5,150	---	---	x	---	---
7/19/2004	2600	7,750	Excavate Area 6	---	x	---	AQMD
7/20/2004	2500	10,250	Excavate Area 6	---	x	---	AQMD
7/21/2004	1600	11,850	Excavate Area 6	---	x	---	AQMD
7/22/2004	0	11,850	Excavate Area 6	---	x	---	AQMD
7/23/2004	2200	14,050	Excavate Area 6	---	x	---	AQMD
7/24/2004	0	14,050	---	---	x	---	---
7/25/2004	0	14,050	---	---	---	---	---
7/26/2004	2600	16,650	Excavate Area 3E	---	x	---	AQMD
7/27/2004	0	16,650	Excavate Area 3E	---	x	---	AQMD
7/28/2004	2600	19,250	Excavate Area 3E	---	x	---	AQMD
7/29/2004	1700	20,950	Excavate Area 3E/6	---	x	---	AQMD
7/30/2004	250	21,200	Excavate Area 3E	---	x	---	AQMD
7/31/2004	0	21,200	---	---	---	---	---
8/01/2004	0	21,200	---	---	---	---	---
8/02/2004	2900	24,100	Excavate Area 3E	Set Cell Grade	x	---	AQMD
8/03/2004	3000	27,100	Excavate Area 3E/6	Set Cell Grade	x	---	AQMD
8/04/2004	4900	32,000	Excavate Area 3E/6	Set Cell Grade	x	---	AQMD
8/05/2004	3400	35,400	Excavate Area 3E	Set Cell Grade	x	---	AQMD
8/06/2004	1875	37,275	Excavate Area 3E	Set Cell Grade	x	---	AQMD
8/07/2004	0	37,275	---	---	---	---	---
8/08/2004	0	37,275	---	---	---	---	---

Table 2 (continued) DAILY WORK SUMMARY							
Date	**Daily Waste Volume (loose cyds)**	**Cumulative Waste Volume (loose cyds)**	**Primary Work Area**	**Secondary Work Area**	**Air Sampling**	**Soil Sampling**	**Regulatory Inspections**
8/09/2004	100	37,375	Excavate Area 3E	Import Soil/Erosion Control	x	---	AQMD
8/10/2004	0	37,375	Place Cover Soil	Import Soil/Erosion Control	x	---	AQMD
8/11/2004	0	37,375	Place Cover Soil	Import Soil/Erosion Control	x	---	AQMD
8/12/2004	0	37,375	Place Cover Soil	Import Soil/Erosion Control	x	x	AQMD
8/13/2004	0	37,375	Place Cover Soil	Erosion Control	x	x	AQMD
Summer 2005							
5/31/2005	1,740	1,740	Excavate Area 4	---	x	---	AQMD/RWQCB
6/1/2005	900	2,640	Excavate Area 4	---	x	---	AQMD/RWQCB
6/2/2005	0	2,640	Excavate Area 4	---	x	---	AQMD
6/3/2005	2,640	5,280	Excavate Area 4	---	x	---	AQMD
6/4/2005	2,520	7,800	Excavate Area 4	---	x	---	AQMD
6/5/2005	0	7,800	---	---	---	---	---
6/6/2005	3,669	11,469	Excavate Area 4	---	x	---	AQMD
6/7/2005	4,002	15,471	Excavate Area 4	---	x	---	AQMD
6/8/2005	4,560	20,031	Excavate Area 4	---	x	---	AQMD/RWQCB
6/9/2005	4,839	24,870	Excavate Area 4	---	x	---	AQMD
6/10/2005	3,057	27,927	Excavate Area 4	---	x	x	AQMD
6/11/2005	0	27,927	---	---	---	---	---
6/12/2005	0	27,927	---	---	---	---	---
6/13/2005	3,828	31,755	Excavate Area 4	Sweep Area 6	x	x	AQMD
6/14/2005	3,429	35,184	Excavate Area 4	Sweep Area 6	x	---	AQMD
6/15/2005	3,732	38,916	Excavate Area 4	Sweep Area 6	x	---	AQMD/RWQCB/DTSC
6/16/2005	4,248	43,164	Excavate Area 4	Sweep Area 6	x	x	AQMD
6/17/2005	2,814	45,978	Excavate Area 4	Sweep Area 6	x	---	AQMD
6/18/2005	0	45,978	---	---	---	---	---
6/19/2005	0	45,978	---	---	---	---	---
6/20/2005	3,573	49,551	Excavate Area 4	Sweep Area 6	x	---	AQMD

Table 2 (continued) DAILY WORK SUMMARY							
Date	**Daily Waste Volume (loose cyds)**	**Cumulative Waste Volume (loose cyds)**	**Primary Work Area**	**Secondary Work Area**	**Air Sampling**	**Soil Sampling**	**Regulatory Inspections**
6/21/2005	3,906	53,457	Excavate Area 4	Sweep Area 6	x	---	AQMD/RWQCB
6/22/2005	3,564	57,021	Excavate Area 4	Sweep Area 6	x	---	AQMD
6/23/2005	2,808	59,829	Excavate Area 4	Sweep Area 6	x	---	AQMD
6/24/2005	3,456	63,285	Excavate Area 4	Sweep Area 6	x	---	AQMD
6/25/2005	0	63,285	---	---	---	---	---
6/26/2005	0	63,285	---	---	---	---	---
6/27/2005	3,348	66,633	Excavate Area 3E/3W	Sweep Area 6	x	---	AQMD
6/28/2005	1,799	68,432	Excavate Area 3E/3W	Sweep Area 6	x	---	AQMD
6/29/2005	2,916	71,348	Excavate Area 3E/3W	Sweep Area 6	x	---	AQMD/RWQCB
6/30/2005	2,673	74,021	Excavate Area 3E/3W	Sweep Area 6	x	---	AQMD
7/1/2005	2,889	76,910	Excavate Area 3E/3W	Sweep Area 6	x	---	AQMD
7/2/2005	0	76,910	---	---	---	---	---
7/3/2005	0	76,910	---	---	---	---	---
7/4/2005	0	76,910	---	---	---	---	---
7/5/2005	3,753	80,663	Excavate Area 3E/3W	Sweep Area 4	x	---	AQMD
7/6/2005	3,915	84,578	Excavate Area 3E/3W	Sweep Area 4	x	---	AQMD
7/7/2005	3,672	88,250	Excavate Area 3E/3W	Sweep Area 4	x	x	AQMD
7/8/2005	3,429	91,679	Excavate Area 3E/3W	Sweep Area 4	x	x	AQMD
7/9/2005	0	91,679	---	---	---	---	---
7/10/2005	0	91,679	---	---	---	---	---
7/11/2005	3,024	94,703	Excavate Area 3E/3W	Sweep Area 4	x	---	AQMD
7/12/2005	3,240	97,943	Excavate Area 3E/3W	Sweep Area 4	x	---	AQMD/RWQCB
7/13/2005	3,240	101,183	Excavate Area 3E/3W	Sweep Area 4	x	---	AQMD
7/14/2005	4,131	105,314	Excavate Area 3E/3W	Sweep Area 4	x	---	AQMD
7/15/2005	2,214	107,528	Excavate Area 3E/3W	Sweep Area 4	x	---	AQMD/RWQCB
7/16/2005	1,431	108,959	Excavate Area 3E/3W	Sweep Area 4	x	---	AQMD
7/17/2005	0	108,959	---	---	---	---	---

Table 2 (continued) DAILY WORK SUMMARY							
Date	**Daily Waste Volume (loose cyds)**	**Cumulative Waste Volume (loose cyds)**	**Primary Work Area**	**Secondary Work Area**	**Air Sampling**	**Soil Sampling**	**Regulatory Inspections**
7/18/2005	2,322	111,281	Excavate Area 3E/3W	Sweep Area 4	x	x	AQMD
7/19/2005	2,457	113,738	Excavate Area 3E/3W	Set Final Cell Grade	x	x	AQMD/RWQCB
7/20/2005	1,539	115,277	Excavate Area 3E/3W	Set Final Cell Grade	x	x	AQMD
7/21/2005	2,457	117,734	Excavate Area 3E/3W	Set Final Cell Grade	x	x	AQMD
7/22/2005	1,890	119,624	Excavate Area 3E/3W	Set Final Cell Grade	x	x	AQMD
7/23/2005	2,079	121,703	Excavate Area 3E/3W	Set Final Cell Grade	x	---	AQMD
7/24/2005	0	121,703	---	---	---	---	---
7/25/2005	1,323	123,026	Excavate Area 3E/3W	Set Final Cell Grade	x	x	AQMD
7/26/2005	2,052	125,078	Excavate Area 3E/3W	Set Final Cell Grade	x	x	AQMD
7/27/2005	1,647	126,725	Excavate Area 3E/3W	Set Final Cell Grade	x	---	AQMD/RWQCB
7/28/2005	1,863	128,588	Excavate Area 3E/3W	Set Final Cell Grade	x	x	AQMD
7/29/2005	1,512	130,100	Excavate Area 3E/3W	Set Final Cell Grade	x	x	AQMD
7/30/2005	270	130,370	Excavate Area 3E/3W	Set Final Cell Grade	x	---	AQMD
7/31/2005	0	130,370	---	---	---	---	---
8/1/2005	2,133	132,503	Excavate Area 3E/3W	Import Soil/Erosion Control	x	---	AQMD/RWQCB
8/2/2005	1,701	134,204	Excavate Area 3E/3W	Import Soil/Erosion Control	x	x	AQMD/RWQCB/DTSC
8/3/2005	1,431	135,635	Excavate Area 3E/3W	Import Soil/Erosion Control	x	---	AQMD
8/4/2005	1,350	136,985	Install Liner	Import Soil/Erosion Control	x	x	AQMD
8/5/2005	1,269	138,254	Install Liner	Import Soil/Erosion Control	x	x	AQMD/RWQCB
8/6/2005	0	138,254	Install Liner	---	---	---	---
8/7/2005	0	138,254	---	---	---	---	---
8/8/2005	594	138,848	Install Liner	Import Soil/Erosion Control	x	x	AQMD
8/9/2005	405	139,253	Install Liner	Import Soil/Erosion Control	x	x	AQMD
8/10/2005	81	139,334	Install Liner	Import Soil/Erosion Control	x	---	AQMD/RWQCB
8/11/2005	0	139,334	Install Liner	Import Soil/Erosion Control	x	---	---
8/12/2005	0	139,334	Install Liner	Import Soil/Erosion Control	---	---	---
8/13/2005	0	139,334	Install Liner	---	---	x	---

Table 2 (continued) DAILY WORK SUMMARY							
Date	**Daily Waste Volume (loose cyds)**	**Cumulative Waste Volume (loose cyds)**	**Primary Work Area**	**Secondary Work Area**	**Air Sampling**	**Soil Sampling**	**Regulatory Inspections**
8/14/2005	0	139,334	---	---	---	---	---
8/15/2005	0	139,334	Place Cover Soil	Import Soil/Erosion Control	---	---	---
8/16/2005	0	139,334	Place Cover Soil	Import Soil/Erosion Control	---	---	---
8/17/2005	0	139,334	Place Cover Soil	Site Cleanup	---	---	---
8/18/2005	0	139,334	Place Cover Soil	Site Cleanup	---	---	---
8/19/2005	0	139,334	Place Cover Soil	Site Cleanup	---	---	---
8/20/2005	0	139,334	---	---	---	---	---
8/21/2005	0	139,334	---	---	---	---	---
8/22/2005	0	139,334	Place Cover Soil	Site Cleanup	---	---	RWQCB
8/23/2005	0	139,334	Place Cover Soil	Site Cleanup	---	---	---
8/24/2005	0	139,334	Place Cover Soil	Site Cleanup	---	---	---
8/25/2005	0	139,334	Place Cover Soil	Site Cleanup	---	---	---
8/26/2005	0	139,334	Site Cleanup	---	---	---	---
8/27/2005	0	139,334	Site Cleanup	---	---	---	---
8/28/2005	0	139,334	Site Cleanup	---	---	---	---

Table 3
DESCRIPTION OF COLUMN HEADINGS
(TABLES 4 - 12)

Column Heading	Description
Sample ID	Numeric or alpha-numeric value used to identify each sample.
Initial Condition	Condition of the sample location during the initial Phase 1 sampling round. A condition of "0.0 bedrock" means bedrock was exposed, "<0.5 bedrock" means bedrock was covered with less than 0.5 inches of soil, and ">6 bedrock" means the depth-to-bedrock was greater than 6 inches. In most cases, if the area was located within the DTSC fence line, the initial Phase 1 sampling was conducted following excavation. In general, soil samples were not collected at the initial Phase 1 sample locations if bedrock was exposed (typically <0.5 inches to bedrock unless the area was scheduled to be swept), the locations were inaccessible, or follow up activities were planned. Locations with standing water were considered inaccessible. Follow up activities included additional excavation or the removal of temporary haul roads. Soil samples were collected in these areas when they became accessible or the follow up activities were completed.
Initial Lead (mg/kg)	Lead concentration (mg/kg) in soil samples collected during the initial Phase 1 sampling round.
RWQCB Lead (mg/kg)	Lead concentration (mg/kg) in split soil samples collected by the RWQCB.
Follow up Action	Action conducted following the initial Phase 1 sampling round.
Follow up Condition	Condition of the sample location during the follow up Phase 1 or Phase 2 sampling round.
Resample Lead (mg/kg)	Lead concentration (mg/kg) in soil samples collected during the follow up Phase 1 or Phase 2 sampling round.
Final Lead (mg/kg)	Final lead concentration (mg/kg) or final condition of the sample location after the completion of the removal activities. Where appropriate, the final concentration is an average.
Final Condition	Condition of the sample location during the Phase 2 sampling round.
Phase 1 Lead	Summary of the Phase 1 lead concentrations (mg/kg).
Phase 2 Lead	Phase 2 lead concentration (mg/kg).
Phase 2 Arsenic	Phase 2 arsenic concentration (mg/kg).
Phase 2 Dioxin TEQ	Phase 2 dioxin TEQ.

Note: In general, sample locations were established on a 75 foot grid pattern. In Areas 3E, 4, and 6, these locations were predetermined and the samples were collected after the major excavation activities were completed. Because of the irregular shape of Area 3W and because this sampling was conducted concurrently with the excavation activities, the grid for Area 3W was established in the field.

Table 4 PHASE 1 LEAD RESULTS – AREA 3W							
Sample ID	**Initial Condition**	**Initial Lead (mg/kg)**	**RWQCB Lead (mg/kg)**	**Follow Up Action**	**Follow Up Condition**	**Resample Lead (mg/kg)**	**Final Lead (mg/kg)**
902	0.0 bedrock	---	---	---	0.0 bedrock	---	bedrock
903	<0.5 bedrock	---	---	---	---	---	bedrock
904	<0.5 bedrock	---	---	---	---	---	bedrock
905	0.0 bedrock	---	---	---	---	---	bedrock
906	0.0 bedrock	---	---	---	---	---	bedrock
907	0.0 bedrock	---	---	---	---	---	bedrock
908	>6 bedrock	18.4	---	---	---	---	18.4
909	>6 bedrock	30.6	---	---	---	---	30.6
910	0.0 bedrock	---	---	---	---	---	bedrock
911	>6 bedrock	26.8	---	---	---	---	26.8
912	>6 bedrock	22.2	39.2	---	>6 bedrock	36.4	32.6
913	0.0 bedrock	---	---	---	---	---	bedrock
914	0.0 bedrock	---	---	---	---	---	bedrock
915	<0.5 bedrock	---	---	---	---	---	bedrock
916	0.0 bedrock	---	---	---	---	---	bedrock
917	0.0 bedrock	---	---	---	---	---	bedrock
918	0.0 bedrock	---	---	---	0.0 bedrock	---	bedrock
919	<0.5 bedrock	---	---	---	---	---	bedrock
920	0.0 bedrock	---	---	---	---	---	bedrock
921	0.0 bedrock	---	---	---	---	---	bedrock
922	<1.0 bedrock	---	---	---	---	---	bedrock
923	no point	location on berm which was sampled separately			---	---	no point
924	no point	location on berm which was sampled separately			---	---	no point
925	no point	location on berm which was sampled separately			---	---	no point
926	haul road	---	---	removed	>6 bedrock	51.6	51.6
927	haul road	---	---	removed	>6 bedrock	94.0	94.0
928	haul road	---	---	removed	>6 bedrock	93.4	93.4

Table 4 (continued) PHASE 1 LEAD RESULTS – AREA 3W							
Sample ID	**Initial Condition**	**Initial Lead (mg/kg)**	**RWQCB Lead (mg/kg)**	**Follow Up Action**	**Follow Up Condition**	**Resample Lead (mg/kg)**	**Final Lead (mg/kg)**
929	0.0 bedrock	---	---	---	---	---	bedrock
930	haul road	---	---	removed	hardpan	9.4/14.4	11.9
931	haul road	---	---	removed	>6 bedrock	39.2	39.2
932	hardpan	---	---	---	>6 bedrock	37.4	37.4
933	hardpan	---	---	---	>6 bedrock	8.7	8.7
934	<0.5 bedrock	---	---	---	---	---	bedrock
935	>6 bedrock	27.8	---	---	---	---	27.8
936	0.0 bedrock	---	---	---	---	---	bedrock
937	>6 bedrock	47.2	---	---	---	---	47.2
938	>6 bedrock	110	---	---	---	---	110.0
939	>6 bedrock	120	---	---	---	---	120.0
940	0.0 bedrock	---	---	---	---	---	bedrock
941	>6 bedrock	10.8	---	---	---	---	10.8
942	>6 bedrock	16.8	---	---	---	---	16.8
943	>6 bedrock	27.4	---	---	>6 bedrock	39.4/46.4	37.6
944	hardpan	---	---	---	4.0 bedrock	98.6	98.6
945	0.0 bedrock	---	---	---	---	---	bedrock
946	>6 bedrock	26.4	---	---	>6 bedrock	96.4	61.4
947	>6 bedrock	22.2	---	---	---	---	22.2
948	>6 bedrock	8.2	---	---	---	---	8.2
949	>6 bedrock	26.2	---	---	---	---	26.2
950	hardpan	---	---	---	>6 bedrock	6.3/7.3	6.8
951	haul road	---	---	removed	>6 bedrock	181	181.0
952	>6 bedrock	10.5	28.6	---	---	---	19.6
953	>6 bedrock	73.4	---	---	---	---	73.4
954	haul road	---	---	removed	>6 bedrock	40.0	40.0
955	standing water	---	---	---	>6 bedrock	85.6	85.6
956	standing water	---	---	---	>6 bedrock	8.0	8.0

Table 4 (continued) PHASE 1 LEAD RESULTS – AREA 3W							
Sample ID	**Initial Condition**	**Initial Lead (mg/kg)**	**RWQCB Lead (mg/kg)**	**Follow Up Action**	**Follow Up Condition**	**Resample Lead (mg/kg)**	**Final Lead (mg/kg)**
957	>6 bedrock	10.4	---	---	---	---	10.4
958	0.0 bedrock	---	---	---	---	---	bedrock
959	>6 bedrock	906	264	excavated	>6 bedrock	236/6.7	121.4
960	<0.5 bedrock	---	---	---	---	---	bedrock
961	>6 bedrock	21.4	162	---	---	---	91.7
962	no point	sample ID not used			---	---	no point
963	no point	sample ID not used			---	---	no point
964	haul road	---	---	removed	>6 bedrock	10.0	10.0
965	haul road	---	---	removed	>6 bedrock	15.8	15.8
966	>6 bedrock	18.1	---	---	---	---	18.1
1001	4.0 bedrock	---	---	excavated	>6 bedrock	8.1	8.1
1002	>6 bedrock	6.5	---	---	---	---	6.5
1003	>6 bedrock	7.7	---	---	---	---	7.7
1004	>6 bedrock	10.5	---	---	---	---	10.5
1005	>6 bedrock	5.3	---	---	---	---	5.3
1006	>6 bedrock	8.5	---	---	---	---	8.5
1007	>6 bedrock	7.7	---	---	---	---	7.7
1008	>6 bedrock	17.4	---	---	---	---	17.4
1101	0.0 bedrock	---	---	---	---	---	bedrock
1102	>6 bedrock	372	---	excavated	>6 bedrock	204	204.0
1103	0.0 bedrock	---	---	---	---	---	bedrock
1104	0.0 bedrock	---	---	---	---	---	bedrock
1105	>6 bedrock	202	---	---	---	---	202.0
1106	0.0 bedrock	---	---	---	---	---	bedrock
1107	3.0 bedrock	4.7	68.4	---	3.0 bedrock	210	94.4
1108	>6 bedrock	744	---	excavated	0.0 bedrock	---	bedrock
1109	>6 bedrock	11.3	---	---	---	---	11.3
1110	>6 bedrock	582	---	excavated	>6 bedrock	8.6	8.6

Table 4 (continued) PHASE 1 LEAD RESULTS – AREA 3W							
Sample ID	**Initial Condition**	**Initial Lead (mg/kg)**	**RWQCB Lead (mg/kg)**	**Follow Up Action**	**Follow Up Condition**	**Resample Lead (mg/kg)**	**Final Lead (mg/kg)**
1111	>6 bedrock	964	---	excavated	>6 bedrock	6.0	6.0
1112	>6 bedrock	7.8	109	---	>6 bedrock	129	81.9
1113	>6 bedrock	26.8	---	---	---	---	26.8
1114	>6 bedrock	264	---	excavated	>6 bedrock	16.0	16.0
1115	>6 bedrock	60.2	---	---	---	---	60.2
1116	>6 bedrock	45.8	---	---	---	---	45.8
1117	3.0 bedrock	178	---	---	---	---	178.0
1201	>6 bedrock	7.5	---	---	---	---	7.5
1202	>6 bedrock	92.0	---	---	---	---	92.0
1203	>6 bedrock	9.4	---	---	---	---	9.4
1204	0.0 bedrock	---	---	---	---	---	bedrock
1205	0.0 bedrock	---	---	---	---	---	bedrock
1206	3.0 bedrock	204	---	---	---	---	204.0
1207	>6 bedrock	126	214	---	---	---	170.0
1208	0.0 bedrock	---	---	---	---	---	bedrock
1209	0.0 bedrock	---	---	---	---	---	bedrock
1210	0.0 bedrock	---	---	---	---	---	bedrock
1211	>6 bedrock	15.6	52.2	---	---	---	33.9
1212	0.0 bedrock	---	---	---	---	---	bedrock
1213	3.0 bedrock	236	191	---	---	---	213.0
1214	1.0 bedrock	94.0	91.8	---	---	---	92.9
1215	>6 bedrock	13.6	---	---	---	---	13.6
1216	>6 bedrock	45.4	---	---	---	---	45.4
1217	>6 bedrock	27.6	---	---	---	---	27.6
1218	>6 bedrock	35.2	---	---	---	---	35.2
1219	>6 bedrock	134	---	---	---	---	134.0
1220	>6 bedrock	13.5	---	---	---	---	13.5
1221	>6 bedrock	13.3	---	---	---	---	13.3

Table 4 (continued) PHASE 1 LEAD RESULTS – AREA 3W							
Sample ID	**Initial Condition**	**Initial Lead (mg/kg)**	**RWQCB Lead (mg/kg)**	**Follow Up Action**	**Follow Up Condition**	**Resample Lead (mg/kg)**	**Final Lead (mg/kg)**
1222	>6 bedrock	47.6	---	---	---	---	47.6
1223	>6 bedrock	52.6	---	---	---	---	52.6
1224	>6 bedrock	34.4	---	---	---	---	34.4
1225	>6 bedrock	34.8	---	---	---	---	34.8
1226	>6 bedrock	9.2	---	---	---	---	9.2
1411	0.0 bedrock	---	---	---	---	---	bedrock
1412	>6 bedrock	13.1	---	---	---	---	13.1
TP-1	berm	103.3 [1]	---	removed	>6 bedrock	---	---
TP-2	berm	27.1 [1]	---	---	---	---	27.1 [2]
TP-3	berm	197.3 [1]	---	removed	>6 bedrock	---	16.3 [2]
TP-4	berm	105.7 [1]	---	---	---	---	105.7 [2]
TP-5	berm	81.8 [1]	---	removed	>6 bedrock	---	18.4 [2]
TP-6	berm	79.8 [1]	---	---	---	---	79.8 [2]
TP-7	berm	232.3 [1]	---	removed	>6 bedrock	---	62.3 [2]
TP-8	berm	39.1 [1]	---	---	---	---	39.1 [2]
TP-9	berm	294.3 [1]	---	removed	>6 bedrock	---	114.0 [2]
TP-10	berm	237.1 [1]	---	removed	>6 bedrock	---	65.5 [2]
TP-11	berm	47.3 [1]	---	---	---	---	47.3 [2]
TP-12	berm	271.1 [1]	---	removed	>6 bedrock	---	119.6 [2]
TP-13	berm	37.0 [1]	---	---	---	---	37.0 [2]
TP-14	berm	85.3 [1]	---	---	---	---	85.3 [2]
TP-15	berm	22.1 [1]	---	---	---	---	22.1 [2]
BRCS-2	>6 bedrock	19.7	---	---	---	---	19.7
BRCS-3	>6 bedrock	242.0	---	---	---	---	242.0
Average	**---**	**---**	---	---	---	---	**55.0**

Notes: [1] Up to five soil samples were collected with depth from each test pit. The initial lead concentration is the average concentration for the samples.
[2] A portion of the berm was removed and placed in the cell. The final concentration is the average concentration in the remaining soil samples.

Table 5 PHASE 1 LEAD RESULTS – AREA 3E							
Sample ID	**Initial Condition**	**Initial Lead (mg/kg)**	**RWQCB Lead (mg/kg)**	**Follow Up Action**	**Follow Up Condition**	**Resample Lead (mg/kg)**	**Final Lead (mg/kg)**
HB-1a	berm	22.6	---	---	>6 bedrock	27.0	24.8
HB-1b	berm	53.6	---	---	---	---	53.6
HB-1c	berm	20.4	---	---	---	---	20.4
HB-2a	berm	26.6	---	---	---	---	26.6
HB-2b	berm	11.5	---	---	---	---	11.5
HB-3a	berm	36.8	---	---	---	---	36.8
HB-3b	berm	14.4	---	---	---	---	14.4
HB-4a	berm	25.6	---	---	---	---	25.6
HB-4b	berm	86.8	---	---	---	---	86.8
HB-5a	berm	29.8	---	---	---	---	29.8
HB-5b	berm	21.8	---	---	---	---	21.8
HB-6a	berm	50.2	---	---	>6 bedrock	26.8	38.5
HB-6b	berm	24.4	---	---	---	---	24.4
HB-7a	berm	24.2	---	---	>6 bedrock	26.0	25.1
HB-7b	berm	20.8	---	---	---	---	20.8
HB-8a	berm	27.2	---	---	---	---	27.2
HB-8b	berm	17.4	---	---	---	---	17.4
HB-9a	berm	26.4	---	excavated	0.0 bedrock	---	bedrock
HB-10a	berm	117	---	excavated	0.0 bedrock	---	bedrock
HB-10b	berm	4140	---	excavated	0.0 bedrock	---	bedrock
HB-11a	berm	21.6	---	excavated	0.0 bedrock	---	bedrock
HB-11b	berm	94.6	---	excavated	0.0 bedrock	---	bedrock
HB-12a	berm	37.6	---	---	---	---	37.6
HB-12b	berm	12.1	---	---	---	---	12.1
HB-13a	berm	20.0	---	---	---	---	20.0
HB-13b	berm	38.8	---	---	---	---	38.8

Table 5 (continued) PHASE 1 LEAD RESULTS – AREA 3E							
Sample ID	**Initial Condition**	**Initial Lead (mg/kg)**	**RWQCB Lead (mg/kg)**	**Follow Up Action**	**Follow Up Condition**	**Resample Lead (mg/kg)**	**Final Lead (mg/kg)**
HB-14a	berm	16.7	---	---	>6 bedrock	22.4	19.6
HB-14b	berm	24.0	---	---	---	---	24.0
HB-15a	berm	20.8	---	---	---	---	20.8
HB-15b	berm	5.6	---	---	---	---	5.6
HB-16a	berm	57.6	---	excavated	0.0 bedrock	---	bedrock
HB-16b	berm	124	---	excavated	0.0 bedrock	---	bedrock
HB-17a	berm	16.6	---	excavated	0.0 bedrock	---	bedrock
HB-17b	berm	202	---	excavated	0.0 bedrock	---	bedrock
HB-18a	berm	95.8	---	excavated	0.0 bedrock	---	bedrock
HB-18b	berm	242	---	excavated	0.0 bedrock	---	bedrock
HB-19a	berm	68.4	---	excavated	0.0 bedrock	---	bedrock
HB-19b	berm	135	---	excavated	0.0 bedrock	---	bedrock
HB-20a	berm	250	---	excavated	0.0 bedrock	---	bedrock
HB-20b	berm	226	---	excavated	0.0 bedrock	---	bedrock
HB-21a	berm	183	---	excavated	0.0 bedrock	---	bedrock
HB-21b	berm	185	---	excavated	0.0 bedrock	---	bedrock
501	>6 bedrock	834	---	excavated	>6 bedrock	10.0	10.0
502	>6 bedrock	7.3	---	---	---	---	7.3
503	1.0 bedrock	---	---	---	---	---	bedrock
504	>6 bedrock	31.2	---	---	---	---	31.2
505	>6 bedrock	7.7	---	---	---	---	7.7
506	0.0 bedrock	---	---	---	---	---	bedrock
507	0.0 bedrock	---	---	---	---	---	bedrock
508	>6 bedrock	6.3	---	---	---	---	6.3
509	>6 bedrock	80.8	---	---	---	---	80.8
510	>5 bedrock	10.4	---	---	---	---	10.4
511	>6 bedrock	31.2	---	---	---	---	31.2

Table 5 (continued) PHASE 1 LEAD RESULTS – AREA 3E							
Sample ID	**Initial Condition**	**Initial Lead (mg/kg)**	**RWQCB Lead (mg/kg)**	**Follow Up Action**	**Follow Up Condition**	**Resample Lead (mg/kg)**	**Final Lead (mg/kg)**
512	>6 bedrock	7.0	---	---	>6 bedrock	8.3	7.7
513	>6 bedrock	74.0	---	---	---	---	74.0
514	0.0 bedrock	---	---	---	---	---	bedrock
515	>6 bedrock	7.0	---	---	---	---	7.0
516	>6 bedrock	2080	---	excavated	>6 bedrock	25.2	25.2
517	0.0 bedrock	---	---	---	---	---	bedrock
518	>6 bedrock	6.9	---	---	---	---	6.9
519	>6 bedrock	15.0	---	---	---	---	15.0
520	0.0 bedrock	---	---	---	---	---	bedrock
521	>6 bedrock	5.8	---	---	---	---	5.8
522	>6 bedrock	236/310	---	excavated	>6 bedrock	78.0	78.0
523	no point	location outside area			---	---	no point
524	0.0 bedrock	---	---	---	---	---	bedrock
538	>6 bedrock	488/774	---	excavated	>6 bedrock	6.9	6.9
539	>6 bedrock	133	---	---	---	---	133.0
801A	>6 bedrock	20.2	---	---	---	---	20.2
802A	4.0 bedrock	18.3	---	---	---	---	18.3
803A	>6 bedrock	16.3	---	---	---	---	16.3
804A	>6 bedrock	35.2	---	---	>6 bedrock	25.8/24.8	28.6
805A	0.0 bedrock	---	---	---	---	---	bedrock
806A	0.0 bedrock	---	---	---	---	---	bedrock
807A	0.0 bedrock	---	---	---	---	---	bedrock
808A	0.0 bedrock	---	---	---	0.0 bedrock	---	bedrock
809A	haul road	---	---	removed	0.0 bedrock	---	bedrock
810A	0.0 bedrock	---	---	---	---	---	bedrock
811A	0.0 bedrock	---	---	---	---	---	bedrock
812A	<0.5 bedrock	---	---	---	---	---	bedrock

Table 5 (continued) PHASE 1 LEAD RESULTS – AREA 3E							
Sample ID	**Initial Condition**	**Initial Lead (mg/kg)**	**RWQCB Lead (mg/kg)**	**Follow Up Action**	**Follow Up Condition**	**Resample Lead (mg/kg)**	**Final Lead (mg/kg)**
813A	>6 bedrock	9.8	---	---	---	---	9.8
814A	>6 bedrock	16.4	16.6	---	---	---	16.5
815A	0.0 bedrock	---	---	---	---	---	bedrock
816A	0.0 bedrock	---	---	---	0.0 bedrock	---	bedrock
817A	<0.5 bedrock	---	---	---	---	---	bedrock
818A	0.0 bedrock	---	---	---	---	---	bedrock
819A	haul road	---	---	removed	0.0 bedrock	---	bedrock
820A	0.0 bedrock	---	---	---	---	---	bedrock
821A	>6 bedrock	41.2	---	---	---	---	41.2
822A	4.0 bedrock	17.4	---	---	---	---	17.4
823A	0.0 bedrock	---	---	---	---	---	bedrock
824A	haul road	---	---	removed	0.0 bedrock	---	bedrock
825A	0.0 bedrock	---	---	---	---	---	bedrock
826A	0.0 bedrock	---	---	---	---	---	bedrock
827A	0.0 bedrock	---	---	---	0.0 bedrock	---	bedrock
828A	haul road	---	---	removed	0.0 bedrock	---	bedrock
829A	0.0 bedrock	---	---	---	---	---	bedrock
830A	0.0 bedrock	---	---	---	---	---	bedrock
901	>6 bedrock	26.2	---	---	---	---	26.2
1410	haul road	---	---	removed	0.0 bedrock	---	bedrock
1413	0.0 bedrock	---	---	---	---	---	bedrock
1414	0.0 bedrock	---	---	---	---	---	bedrock
1415	0.0 bedrock	---	---	---	---	---	bedrock
1416	0.0 bedrock	---	---	---	---	---	bedrock
1417	0.0 bedrock	---	---	---	---	---	bedrock
1418	0.0 bedrock	---	---	---	---	---	bedrock
Average	**---**	---	---	---	---	---	**27.4**

Table 6 PHASE 1 LEAD RESULTS – AREA 4							
Sample ID	**Initial Condition**	**Initial Lead (mg/kg)**	**RWQCB Lead (mg/kg**	**Follow Up Action**	**Follow Up Condition**	**Resample Lead (mg/kg)**	**Final Lead (mg/kg)**
601	0.0 bedrock	---	---	swept	---	---	bedrock
602	<0.5 bedrock	---	---	swept	---	---	bedrock
603	hardpan	---	---	---	---	---	hardpan
604	0.0 bedrock	---	---	swept	---	---	bedrock
605	0.0 bedrock	---	---	swept	---	---	bedrock
606	0.0 bedrock	---	---	---	---	---	bedrock
607	0.0 bedrock	---	---	swept	---	---	bedrock
608	hardpan	---	---	swept	---	---	hardpan
609	0.0 bedrock	---	---	---	---	---	bedrock
610	0.0 bedrock	---	---	swept	---	---	bedrock
611	0.0 bedrock	---	---	swept	---	---	bedrock
612	>6 bedrock	13.6	---	---	---	---	13.6
613	<0.5 bedrock	---	---	swept	0.0 bedrock	---	bedrock
614	0.0 bedrock	---	---	swept	---	---	bedrock
615	>6 bedrock	6.8	---	---	---	---	6.8
616	0.0 bedrock	---	---	swept	---	---	bedrock
617	0.0 bedrock	---	---	swept	---	---	bedrock
618	3.0 bedrock	88.6	---	---	---	---	88.6
619	0.0 bedrock	---	---	swept	---	---	bedrock
620	hardpan	---	---	swept	---	---	hardpan
621	0.0 bedrock	---	---	---	---	---	bedrock
622	<0.5 bedrock	---	---	swept	---	---	bedrock
623	0.0 bedrock	---	---	swept	---	---	bedrock
624	0.0 bedrock	---	---	swept	0.0 bedrock	---	bedrock
625	haul road	---	---	removed	0.0 bedrock	---	bedrock
626	0.0 bedrock	---	---	swept	---	---	bedrock
627	1.0 bedrock	---	---	swept	<0.5 bedrock	---	bedrock

Table 6 (continued) PHASE 1 LEAD RESULTS – AREA 4							
Sample ID	**Initial Condition**	**Initial Lead (mg/kg)**	**RWQCB Lead (mg/kg**	**Follow Up Action**	**Follow Up Condition**	**Resample Lead (mg/kg)**	**Final Lead (mg/kg)**
628	<0.5 bedrock	---	---	---	0.0 bedrock	---	bedrock
629	0.0 bedrock	---	---	---	---	---	bedrock
630	<0.5 bedrock	---	---	---	---	---	bedrock
631	0.0 bedrock	---	---	---	---	---	bedrock
632	0.0 bedrock	---	---	---	---	---	bedrock
633	<1 bedrock	---	---	---	---	---	bedrock
634	<0.5 bedrock	---	---	---	<0.5 bedrock	---	bedrock
635	<0.5 bedrock	---	---	---	---	---	bedrock
636	0.0 bedrock	---	---	---	---	---	bedrock
637	5.0 bedrock	48.2	---	---	---	---	48.2
638	0.0 bedrock	---	---	---	---	---	bedrock
639	>6 bedrock	7.4	---	---	---	---	7.4
640	>6 bedrock	564	---	excavated	>6 bedrock	79.4	79.4
700-S	>6 bedrock	8.2	---	---	---	---	8.2
700	<0.5 bedrock	---	---	---	---	---	bedrock
700-N	<0.5 bedrock	---	---	---	---	---	bedrock
701	>6 bedrock	9.8/21.4	29.6	---	---	---	20.3
702	>6 bedrock	7.4	---	---	---	---	7.4
703	>6 bedrock	6.4	---	---	---	---	6.4
704	>6 bedrock	11.0	---	---	---	---	11.0
705	>6 bedrock	8.7/29.6	18.9	---	---	---	19.1
706	>6 bedrock	61.0	---	---	---	---	61.0
707	>6 bedrock	854	---	excavated	>6 bedrock	218	218.0
708	>6 bedrock	6.7	---	---	---	---	6.7
709	>6 bedrock	9.5	---	---	---	---	9.5
710	>6 bedrock	9.8	---	---	---	---	9.8
711	0.0 bedrock	---	---	---	---	---	bedrock
712	>6 bedrock	10.3/7.8	7.8	---	>6 bedrock	7.6	8.4

Table 6 (continued) PHASE 1 LEAD RESULTS – AREA 4							
Sample ID	**Initial Condition**	**Initial Lead (mg/kg)**	**RWQCB Lead (mg/kg**	**Follow Up Action**	**Follow Up Condition**	**Resample Lead (mg/kg)**	**Final Lead (mg/kg)**
713	>6 bedrock	15.7/25.8	21.2	---	---	---	20.9
714	hardpan	---	---	---	---	---	hardpan
715	<0.5 bedrock	---	---	---	---	---	bedrock
716	>6 bedrock	13.7	---	---	---	---	13.7
717	>6 bedrock	17.8	---	---	---	---	17.8
718	5.0 bedrock	12.1	---	---	---	---	12.1
719	2.0 bedrock	7.5/8.6	8.4	---	---	---	8.2
720	5.0 bedrock	6.2	---	---	---	---	6.2
721	0.0 bedrock	---	---	---	---	---	bedrock
722	>6 bedrock	11.0	---	---	>6 bedrock	15.8/11.4	12.7
723	>6 bedrock	7.3	---	---	---	---	7.3
724	>4 bedrock	24.0	---	---	---	---	24.0
725	>6 bedrock	286.0	---	excavated	>6 bedrock	157	157.0
726	>6 bedrock	83.2/108	101	---	---	---	97.4
727	>6 bedrock	13.4	---	---	>6 bedrock	6.8	10.1
1401	0.0 bedrock	---	---	swept	---	---	bedrock
1402	0.0 bedrock	---	---	swept	---	---	bedrock
1403	0.0 bedrock	---	---	swept	---	---	bedrock
Average	---	---	---	---	---	---	**33.9**

Table 7 PHASE 1 LEAD RESULTS – AREA 6						
Sample ID	**Initial Condition**	**Initial Lead (mg/kg)**	**Follow Up Action**	**Follow Up Condition**	**Resample Lead (mg/kg)**	**Final Lead (mg/kg)**
1	>6 bedrock	19.8	---	>6 bedrock	17.8	18.8
2	2.0 bedrock	24.0	---	2.0 bedrock	28.0	26.0
3	>6 bedrock	15.7	---	---	---	15.7
4	5.0 bedrock	14.7	---	3.0 bedrock	19.2	17.0
5	1.0 bedrock	39.8	---	---	---	39.8
6	2.0 bedrock	26.8	---	---	---	26.8
7	>6 bedrock	25.2	---	---	---	25.2
8	<2.0 bedrock	33.4	---	---	---	33.4
9	4.0 bedrock	15.0	---	---	---	15.0
10	0.0 bedrock	---	---	---	---	bedrock
11	>6 bedrock	14.4	---	---	---	14.4
12	>6 bedrock	14.4	---	---	---	14.4
13	>6 bedrock	23.2	---	---	---	23.2
14	3.0 bedrock	20.8	---	---	---	20.8
15	3.0 bedrock	13.6	swept	---	---	13.6
16	0.5 bedrock	---	swept	---	---	bedrock
17	0.0 bedrock	---	swept	0.0 bedrock	---	bedrock
18	1.0 bedrock	---	swept	---	---	bedrock
19	>6 bedrock	46.0	swept	---	---	46.0
20	>6 bedrock	21.4	---	---	---	21.4
21	>6 bedrock	12.2	---	---	---	12.2
22	>6 bedrock	12.1	---	---	---	12.1
23	>6 bedrock	33.8	---	---	---	33.8
24	>6 bedrock	10.1	---	---	---	10.1
25	1.0 bedrock	---	swept	---	---	bedrock
26	0.25 bedrock	---	swept	---	---	bedrock
27	0.0 bedrock	---	swept	---	---	bedrock

Table 7 (continued) PHASE 1 LEAD RESULTS – AREA 6						
Sample ID	**Initial Condition**	**Initial Lead (mg/kg)**	**Follow Up Action**	**Follow Up Condition**	**Resample Lead (mg/kg)**	**Final Lead (mg/kg)**
28	0.0 bedrock	---	swept	---	---	bedrock
29	1.0 bedrock	---	swept	0.0 bedrock	---	bedrock
30	>6 bedrock	37.4	---	---	---	37.4
31	>6 bedrock	48.4	---	---	---	48.4
32	5.0 bedrock	46.2	---	---	---	46.2
33	>6 bedrock	15.3	---	---	---	15.3
34	0.0 bedrock	---	swept	---	---	bedrock
35	0.0 bedrock	---	swept	0.0 bedrock	---	bedrock
36	1.0 bedrock	---	swept	---	---	bedrock
37	0.0 bedrock	---	swept	---	---	bedrock
38	0.0 bedrock	---	swept	---	---	bedrock
39	>6 bedrock	13.7	---	---	---	13.7
40	>6 bedrock	67.0	---	---	---	67.0
41	>6 bedrock	15.9	---	---	---	15.9
42	>6 bedrock	30.0	---	---	---	30.0
43	1.0 bedrock	---	swept	---	---	bedrock
44	0.0 bedrock	---	swept	---	---	bedrock
45	0.5 bedrock	---	swept	---	---	bedrock
46	0.0 bedrock	---	swept	---	---	bedrock
47	4.0 bedrock	28.8	swept	---	---	28.8
48	>6 bedrock	13.8	---	---	---	13.8
49	>6 bedrock	25.2	---	---	---	25.2
50	>6 bedrock	101	---	---	---	101.0
51	>6 bedrock	14.7	---	---	---	14.7
52	<1.0 bedrock	---	swept	---	---	bedrock
53	0.0 bedrock	---	swept	---	---	bedrock
54	1.0 bedrock	---	swept	---	---	bedrock
55	4.0 bedrock	180	swept	---	---	180.0

Table 7 (continued) PHASE 1 LEAD RESULTS – AREA 6						
Sample ID	**Initial Condition**	**Initial Lead (mg/kg)**	**Follow Up Action**	**Follow Up Condition**	**Resample Lead (mg/kg)**	**Final Lead (mg/kg)**
56	no point	location outside area			---	no point
57	4.0 bedrock	40.0	---	---	---	40.0
58	>6 bedrock	15.4	---	---	---	15.4
59	>6 bedrock	15.8	---	---	---	15.8
60	>6 bedrock	31.0	---	---	---	31.0
61	0.0 bedrock	---	---	---	---	bedrock
62	1.0 bedrock	---	swept	---	---	bedrock
63	4.0 bedrock	560	swept	0.0 bedrock	---	bedrock
64	4.0 bedrock	34.0	swept	---	---	34.0
65	no point	location outside area			---	no point
66	0.0 bedrock	---	---	---	---	bedrock
67	1.0 bedrock	---	---	2.0 bedrock	22.8	22.8
68	1.0 bedrock	---	---	---	---	bedrock
69	>6 bedrock	42.0	---	---	---	42.0
70	1.0 bedrock	---	swept	0.0 bedrock	---	bedrock
71	1.0 bedrock	---	swept	---	---	bedrock
72	1.0 bedrock	---	swept	---	---	bedrock
73	1.5 bedrock	---	swept	0.0 bedrock	---	bedrock
74	>6 bedrock	39.6	---	---	---	39.6
75	>6 bedrock	35.4	---	---	---	35.4
76	0.0 bedrock	---	---	---	---	bedrock
77	5.0 bedrock	35.2	---	---	---	35.2
78	>6 bedrock	59.6	---	---	---	59.6
79	4.0 bedrock	63.4	---	---	---	63.4
80	0.0 bedrock	---	---	---	---	bedrock
81	3.0 bedrock	1160	swept	0.0 bedrock	---	bedrock
82	0.0 bedrock	---	swept	---	---	bedrock
83	1.0 bedrock	---	swept	---	---	bedrock

Table 7 (continued) PHASE 1 LEAD RESULTS – AREA 6						
Sample ID	**Initial Condition**	**Initial Lead (mg/kg)**	**Follow Up Action**	**Follow Up Condition**	**Resample Lead (mg/kg)**	**Final Lead (mg/kg)**
84	>6 bedrock	151	---	---	---	151.0
85	>6 bedrock	24.8	---	---	---	24.8
86	>6 bedrock	25.2	---	---	---	25.2
87	2.0 bedrock	---	---	0.0 bedrock	---	bedrock
88	5.0 bedrock	22.6	---	---	---	22.6
89	>6 bedrock	21.8	---	---	---	21.8
90	2.0 bedrock	---	---	>6 bedrock	41.0	41.0
91	4.0 bedrock	37.0	---	---	---	37.0
92	0.0 bedrock	---	swept	---	---	bedrock
93	no point	sample ID not used			---	no point
94	2.0 bedrock	---	swept	0.0 bedrock	---	bedrock
95	2.0 bedrock	---	swept	0.0 bedrock	---	bedrock
96	>6 bedrock	200	---	---	---	200.0
97	>6 bedrock	27.8	---	---	---	27.8
98	>6 bedrock	9.3	---	---	---	9.3
99	>6 bedrock	12.9	---	---	---	12.9
100	>6 bedrock	18.5	---	>6 bedrock	20.2	19.4
101	haul road	---	removed	bedrock	---	bedrock
102	>6 bedrock	15.4	---	---	---	15.4
103	0.0 bedrock	---	---	---	---	bedrock
104	2.0 bedrock	---	---	1.0 bedrock	29.0	29.0
105	4.0 bedrock	17.4	---	---	---	17.4
106	haul road	---	removed	bedrock	---	bedrock
107	>6 bedrock	34.0	---	---	---	34.0
108	>6 bedrock	48.8	---	---	---	48.8
109	0.0 bedrock	---	swept	---	---	bedrock
110	no point	clean compound	---	gravel	---	gravel
111	no point	haul road/compound	removed	bedrock	---	bedrock

Table 7 (continued) PHASE 1 LEAD RESULTS – AREA 6						
Sample ID	**Initial Condition**	**Initial Lead (mg/kg)**	**Follow Up Action**	**Follow Up Condition**	**Resample Lead (mg/kg)**	**Final Lead (mg/kg)**
112	0.0 bedrock	---	---	---	---	bedrock
113	>6 bedrock	19.6	---	---	---	19.6
114	>6 bedrock	31.8	---	---	---	31.8
115	0.0 bedrock	---	swept	---	---	bedrock
116	no point	clean compound	---	gravel	---	gravel
117	no point	haul road/compound	removed	bedrock	---	bedrock
118	4.0 bedrock	48.4	---	---	---	48.4
119	>6 bedrock	20.2	---	---	---	20.2
120	>6 bedrock	27.8	---	---	---	27.8
121	0.0 bedrock	---	swept	---	---	bedrock
122	no point	clean compound	---	gravel	---	gravel
123	no point	haul road/compound	removed	bedrock	---	bedrock
124	1.0 bedrock	---	---	---	---	bedrock
125	4.0 bedrock	30.4	---	---	---	30.4
126	>6 bedrock	25.8	---	---	---	25.8
127	>6 bedrock	29.2	---	---	---	29.2
128	0.0 bedrock	---	swept	---	---	bedrock
129	>6 bedrock	10.0		---	---	10.0
130	haul road	---	removed	bedrock	---	bedrock
131	1.0 bedrock	---	---	---	---	bedrock
132	2.0 bedrock	---	---	<0.5 bedrock	---	bedrock
133	>6 bedrock	18.2	---	---	---	18.2
134	>6 bedrock	29.4	---	---	---	29.4
135	0.0 bedrock	---	swept	---	---	bedrock
136	>6 bedrock	41.4	---	---	---	41.4
137	0.0 bedrock	---	---	---	---	bedrock
138	0.0 bedrock	---	---	0.0 bedrock	---	bedrock
139	1.0 bedrock	---	---	---	---	bedrock

Table 7 (continued) PHASE 1 LEAD RESULTS – AREA 6						
Sample ID	**Initial Condition**	**Initial Lead (mg/kg)**	**Follow Up Action**	**Follow Up Condition**	**Resample Lead (mg/kg)**	**Final Lead (mg/kg)**
140	>6 bedrock	13.4	---	---	---	13.4
141	>6 bedrock	21.6	---	>6 bedrock	14.8/15.0	17.1
142	0.0 bedrock	---	swept	---	---	bedrock
143	haul road	---	removed/regravelled	gravel	---	gravel
144	>6 bedrock	19.4	---	---	---	19.4
145	0.0 bedrock	---	---	---	---	bedrock
146	2.0 bedrock	---	excavated	<0.5 bedrock	---	bedrock
147	2.0 bedrock	---	removed	bedrock	---	bedrock
148	2.0 bedrock	---	---	3.0 bedrock	26.6	bedrock
149	0.0 bedrock	---	swept	---	---	bedrock
150	0.0 bedrock	---	swept	---	---	bedrock
151	haul road	---	removed/regravelled	gravel	---	gravel
152	>6 bedrock	13.8	---	---	---	13.8
153	>6 bedrock	13.1	---	4.0 bedrock	14.0	13.6
154	0.0 bedrock	---	---	0.0 bedrock	---	bedrock
155	0.0 bedrock	---	---	---	---	bedrock
156	0.0 bedrock	---	---	---	---	bedrock
157	2.0 bedrock	---	---	<0.5 bedrock	---	bedrock
158	1.0 bedrock	---	swept	0.0 bedrock	---	bedrock
159	haul road	---	removed/regravelled	gravel	---	gravel
160	5.0 bedrock	19.3	---	---	---	19.3
161	1.0 bedrock	---	---	---	---	bedrock
162	>6 bedrock	13.7	---	---	---	13.7
163	0.0 bedrock	---	---	---	---	bedrock
164	1.0 bedrock	---	---	---	---	bedrock
165	0.0 bedrock	---	---	---	---	bedrock
166	0.0 bedrock	---	swept	---	---	bedrock
167	0.0 bedrock	---	---	---	---	bedrock

Table 7 (continued) PHASE 1 LEAD RESULTS – AREA 6						
Sample ID	**Initial Condition**	**Initial Lead (mg/kg)**	**Follow Up Action**	**Follow Up Condition**	**Resample Lead (mg/kg)**	**Final Lead (mg/kg)**
168	>6 bedrock	1,890	excavated	0.0 bedrock	---	bedrock
169	no point	sample location outside area			---	no point
170	haul road	---	removed/regravelled	gravel	---	gravel
171	>6 bedrock	9.5	---	---	---	9.5
172	>6 bedrock	10.7	---	---	---	10.7
173	>6 bedrock	27.8	---	---	---	27.8
174	0.0 bedrock	---	---	---	---	bedrock
175	0.0 bedrock	---	---	---	---	bedrock
176	0.0 bedrock	---	---	0.0 bedrock	---	bedrock
177	0.0 bedrock	---	---	---	---	bedrock
178	0.0 bedrock	---	---	---	---	bedrock
179	>6 bedrock	56.0	---	---	---	56.0
180	no point	sample location outside area			---	no point
181	haul road	---	removed/regravelled	gravel	---	gravel
182	>6 bedrock	25.0	---	---	---	25.0
183	>6 bedrock	24.0	---	---	---	24.0
184	2.0 bedrock	---	---	>6 bedrock	13.6	13.6
185	no point	sample ID not used			---	no point
186	0.0 bedrock	---	---	---	---	bedrock
187	0.0 bedrock	---	---	---	---	bedrock
188	0.0 bedrock	---	---	---	---	bedrock
189	0.0 bedrock	---	---	0.0 bedrock	---	bedrock
190	0.0 bedrock	---	---	---	---	bedrock
191	>6 bedrock	86.2	---	---	---	86.2
192	no point	sample location outside area			---	no point
193	haul road	---	removed/regravelled	gravel	---	gravel
194	>6 bedrock	18.8	---	---	---	18.8
195	>6 bedrock	18.5	---	---	---	18.5

Table 7 (continued) PHASE 1 LEAD RESULTS – AREA 6						
Sample ID	**Initial Condition**	**Initial Lead (mg/kg)**	**Follow Up Action**	**Follow Up Condition**	**Resample Lead (mg/kg)**	**Final Lead (mg/kg)**
196	0.0 bedrock	---	---	---	---	bedrock
197	0.0 bedrock	---	---	---	---	bedrock
198	0.0 bedrock	---	---	---	---	bedrock
199	0.0 bedrock	---	---	---	---	bedrock
200	0.0 bedrock	---	---	0.0 bedrock	---	bedrock
201	0.0 bedrock	---	---	---	---	bedrock
202	>6 bedrock	700	excavated	0.0 bedrock	---	bedrock
1404	<0.5 bedrock	---	---	---	---	bedrock
1405	0.0 bedrock	---	---	---	---	bedrock
1406	0.0 bedrock	---	---	---	---	bedrock
1407	0.0 bedrock	---	---	---	---	bedrock
1408	0.0 bedrock	---	---	---	---	bedrock
1409	0.0 bedrock	---	---	---	---	bedrock
Average	---	---	---	---	---	**32.4**

Table 8 LEAD RESULTS – NORTHERN BUFFER AREA					
Sample ID	**Final Lead (mg/kg)**	**Sample ID**	**Final Lead (mg/kg)**	**Sample ID**	**Final Lead (mg/kg)**
301	30.8	321	26.6	341	126.0
302	17.8	322	40.8	342	31.8
303	12.0	323	64.0	343	16.1
304	21.0	324	82.4	344	14.0
305	18.6	325	18.8	345	40.6
306	15.4	326	10.6	346	5.2
307	28.0	327	35.6	347	14.9
308	218.0	328	3.4	348	17.0
309	37.0	329	22.4	349	20.4
310	35.6	330	28.0	350	19.6
311	5.4	331	28.6	351	19.8
312	5.6	332	9.8	352	68.4
313	5.7	333	12.8	353	7.8
314	19.0	334	10.8	354	70.0
315	135.0	335	9.6	355	8.8
316	64.0	336	15.8	356	53.7
317	34.4	337	14.4	357	76.2
318	10.0	338	12.8	358	40.2
319	10.0	339	24.8	359	7.3
320	16.8	340	21.8	360	11.4
Average	**---**	**---**	**---**	**---**	**31.7**

Note: Sample ID renumbered from original to avoid confusion with current numbering scheme. Additional information is included in the Confirmation Sampling Report, APN 011-030-139, Humboldt Road Burn Dump (VESTRA, 2004c).

Table 9 PHASE 2 RESULTS – AREA 3W					
Sample ID	**Final Condition**	**Phase 1 Lead (mg/kg)**	**Phase 2 Lead (mg/kg)**	**Phase 2 Arsenic (mg/kg)**	**Phase 2 Dioxin TEQ (mg/kg)**
902	0.0 bedrock	---	---	---	---
912	>6 bedrock	22.2/39.2	36.4	1.1	---
918	0.0 bedrock	---	---	---	---
930	haul road	---	14.4	1.0	---
931	haul road	---	39.2	1.1	---
943	>6 bedrock	27.4	39.4	<0.8	---
943-D	>6 bedrock	---	46.4	2.0	---
946	>6 bedrock	26.4	96.4	4.9	---
950	>6 bedrock	hardpan	7.3	<0.8	---
1107	3.0 bedrock	4.7/68.4	210	1.9	---
1112	>6 bedrock	7.8/109	129	2.6	---
Composite	---	---	---	---	8.45E-07
Remedial Action Goal	**---**	**224**	**224**	**6.12**	**5.00E-04**

Table 10 PHASE 2 RESULTS – AREA 3E					
Sample ID	**Final Condition**	**Phase 1 Lead (mg/kg)**	**Phase 2 Lead (mg/kg)**	**Phase 2 Arsenic (mg/kg)**	**Phase 2 Dioxin TEQ (mg/kg)**
HB-1	berm	22.6	27.0	1.0	---
HB-6	berm	50.2	26.8	2.0	---
HB-7	berm	24.2	26.0	1.3	---
HB-14	berm	16.7	22.4	1.3	---
512	>6 bedrock	7.0	8.3	<0.8	---
804	>6 bedrock	35.2	25.8	1.2	---
804-D	>6 bedrock	---	24.8	1.0	---
808	0.0 bedrock	---	---	---	---
816	0.0 bedrock	---	---	---	---
827	0.0 bedrock	---	---	---	---
Composite	---	---	---	---	4.91E-07
Remedial Action Goal	**---**	**224**	**224**	**6.12**	**5.00E-04**

Table 11 PHASE 2 RESULTS – AREA 4					
Sample ID	**Final Condition**	**Phase 1 Lead (mg/kg)**	**Phase 2 Lead (mg/kg)**	**Phase 2 Arsenic (mg/kg)**	**Phase 2 Dioxin TEQ (mg/kg)**
613	0.0 bedrock	---	---	---	---
624	0.0 bedrock	---	---	---	---
628	0.0 bedrock	---	---	---	---
634	<0.5 bedrock	---	---	---	---
712	>6 bedrock	10.3 / 7.8 / 7.8	7.6	<0.8	---
722	>6 bedrock	11.0	15.8	0.8	---
722-D	>6 bedrock	---	11.4	1.6	---
727	>6 bedrock	13.4	6.8	1.2	---
Composite	---	---	---	---	9.86E-07
Remedial Action Goal	**---**	**224**	**224**	**6.12**	**5.00E-04**

Table 12 PHASE 2 RESULTS – AREA 6							
Sample ID	**Initial Condition**	**Phase 1 Lead (mg/kg)**	**2005 Action**	**Final Condition**	**Phase 2 Lead (mg/kg)**	**Phase 2 Arsenic (mg/kg)**	**Phase 2 Dioxin TEQ (mg/kg)**
1	>6 bedrock	19.8	none	>6 bedrock	17.8	1.8	---
2	2.0 bedrock	24.0	none	2.0 bedrock	28.0	1.6	---
4	5.0 bedrock	14.7	none	3.0 bedrock	19.2	1.0	---
17	0.0 bedrock	---	swept	0.0 bedrock	---	---	---
35	0.0 bedrock	---	swept	0.0 bedrock	---	---	---
67	1.0 bedrock	---	none	2.0 bedrock	22.8	1.6	---
70	1.0 bedrock	---	swept	0.0 bedrock	---	---	---
73	1.5 bedrock	---	swept	0.0 bedrock	---	---	---
100	>6 bedrock	18.5	none	>6 bedrock	20.2	1.2	---
132	2.0 bedrock	---	none	<0.5 bedrock	---	---	---
138	0.0 bedrock	---	none	0.0 bedrock	---	---	---
141	>6 bedrock	21.6	none	>6 bedrock	15.0	2.0	---
141-D	>6 bedrock	---	none	>6 bedrock	14.8	2.6	---
153	>6 bedrock	13.1	none	4.0 bedrock	14.0	2.0	---
154	0.0 bedrock	---	none	0.0 bedrock	---	---	---
157	2.0 bedrock	---	none	<0.5 bedrock	---	---	---
158	1.0 bedrock	---	swept	0.0 bedrock	---	---	---
168	>6 bedrock	1,890	excavated	0.0 bedrock	---	---	---
176	0.0 bedrock	---	none	0.0 bedrock	---	---	---
189	0.0 bedrock	---	none	0.0 bedrock	---	---	---
200	0.0 bedrock	---	none	0.0 bedrock	---	---	---
Composite	---	---	---	---	---	---	2.01E-06
Remedial Action Goal	**---**	**224**	**---**	**---**	**224**	**6.12**	**5.00E-04**

Section 3
CONCLUSIONS

Approximately 176,000 loose cubic yards of burn ash and waste debris were removed from APN 011-030-016, APN 011-030-136, APN 011-030-138, APN 002-180-084, and APN 002-180-086. Following the removal activities, soil samples from approximately 270 locations were collected and submitted for lead analyses. The average residual lead concentrations of 55.0 mg/kg in Area 3W, 27.4 mg/kg in Area 3E, 33.9 mg/kg in Area 4, and 32.4 mg/kg in Area 6 are less than the remedial action goal of 224 mg/kg. The residual arsenic and dioxin results are also less than the remedial action goals of 6.12 mg/kg and 5.0E-04 mg/kg, respectively.

Based on these results, the owners of APN 011-030-016, APN 011-030-136, APN 011-030-138, APN 002-180-084, and APN 002-180-086 are requesting a Certificate of Completion for APN 011-030-016, APN 011-030-136, APN 011-030-138, APN 002-180-084, and APN 002-180-086.

Section 4
REFERENCES

EMKO. 2001a. *Remedial Investigation Report, Soil, Waste, and Sediment, Humboldt Road Burn Dump, Chico, California*. Prepared for City of Chico by EMKO Environmental, Inc.

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VESTRA, 2004a. *Final Remedial Action Plan, Humboldt Road Private Properties Operational Unit.* Prepared for Private Properties Humboldt Road Burn Dump.

VESTRA, 2004b. *Remedial Design and Implementation Plan, Humboldt Road Private Properties Operational Unit*. Prepared for Private Properties Humboldt Road Burn Dump.

VESTRA, 2004c. *Confirmation Sampling Report, APN 011-030-139, Humboldt Road Burn Dump,* Prepared for Private Properties Humboldt Road Burn Dump.